

REMARKS/ARGUMENTS

Claims 1-23 have been allowed. The drawings were objected to as being informal. The Office Action also states that the drawings must show every feature of the invention specified in the claims; specifically that “the coaxial transmission lines and insulating supports must be shown or cancelled from claims 1, 9 and 17.” Formal drawings have been submitted, including an additional FIG. 3, showing the “coaxial transmission line and insulating supports.” However, for the record, Applicants respectfully traverse this latter objection.

In particular, 37 C.F.R. 1.83(a) states, “[t]he drawing in a nonprovisional application must show every feature of the invention specified in the claims. However, conventional features disclosed in the description and claims, where their detailed illustration is not essential for a proper understanding of the invention, should be illustrated in the drawing in the form of a graphical drawing symbol or a labeled representation (e.g., a labeled rectangular box).”

This requirement pertains to the claimed features of the invention. However, Applicants do not disclose or claim a coaxial transmission line or an insulating support as a singular entity of itself. Applicants claim, “segments of coaxial transmission lines, the segments being of substantially the same length; and a plurality of substantially identical first and second insulating supports, wherein the first insulating supports are positioned at flange joints within the joined segments and the second insulating supports are positioned within the joined segments at equidistant intervals from each other and equidistant from the first insulating supports, the distance between any of the insulating supports being approximately one half a wavelength of a frequency that is outside a channel band of an operating range of the transmission line,” as recited in claim 1.

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Patent

Amendments to the Drawings

New sheet FIG. 3 has been submitted.

Furthermore, Applicants claim, “joining segments of substantially identical transmission lines of substantially identical lengths; arranging a plurality of insulating supports within the joined segments, so that the insulating supports are substantially equidistant from each other and the distance between any of the insulating supports is approximately one half a wavelength of a frequency that is outside a channel band of an operating range of the transmission line,” as recited in claim 9.

Lastly, Applicants claim, “a broadband coaxial transmission line, comprising: joined segments of substantially equal length electrical signal transmitting means for transmitting a signal from a source to a load; and a plurality of substantially identical supporting means for separating an inner conductor of the transmitting means from an outer conductor of the transmitting means, the supporting means positioned in the electrical signal means at substantially equidistant intervals, wherein the substantially equidistant intervals correspond to approximately one half a wavelength of a frequency that is outside a channel band of an operating range of the electrical signal transmitting means,” as recited in claim 17.

Thus, Applicants respectfully assert that because Applicants’ claims are not directed to either the coaxial transmission line or the insulating supports as a single feature of itself, drawings are not required. Rather, drawings showing the features of the claimed invention (emphasis added) have already been submitted. Accordingly, Applicants respectfully request that this objection be withdrawn.

However, without conceding the propriety of the objection, but solely to further prosecution of the application, Applicants furnish the attached new figure, FIG. 3. The specification has been amended to include a description of FIG. 3. No new matter has been

added. In view of the above, Applicants respectfully request that the application be allowed.

CONCLUSION

In view of the foregoing, it is respectfully submitted that the application is in condition for allowance. If it is believed that the application is not in condition for allowance, the Examiner is requested to contact the undersigned attorney if it is believed that such contact will expedite the prosecution of the application.

In the event this paper is not timely filed, Applicants petition for an appropriate extension of time. Please charge any fee deficiencies or credit any overpayments to Deposit Account No. 50-2036.

Respectfully submitted,

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